Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 07 Apr 2022 until 23:59 on Friday 08 Apr 2022

Forecast Issued on Wednesday 06 Apr 2022 at 14:58

Confidence: High confidence for unsettled weather. Moderate confidence in showers, low cloud and strong winds.

Headline for Thursday 07 Apr 2022: Heavy showers and strong winds gradually easing through the day.

Mountain weather hazards on Thursday 07 Apr 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
High Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet showers (night)	Sleet showers (night)	Sleet showers	Sleet showers	Sleet showers	Light snow showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
60%	70%	60%	40%	40%	40%	20%	20%

Forecast for Thursday 07 Apr 2022

Weather: Cloudy overnight with heavy showers, mostly towards the northern side of the park, and widespread gales. Showers possibly wintry over the summits. Heavy showers continuing through the morning becoming more isolated into the afternoon but also more likely to be wintry above 500m. Gales easing to a strong wind around midday. Scattered cloud in the afternoon with sunny spells outside of showers. Becoming mostly dry with clear skies for many areas in the evening, cold and frosty overnight.

Chance of cloud-free hill tops above 600m: 70%, deteriorating to 50% in showers.

Low cloud and visibility: Good visibility outside of showers with cloud bases around 600-700m in the morning, lifting above the summits in the afternoon. Poor visibility in wintry showers and cloud base lowering briefly to 500m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 07 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	38/50 SW	41/54 W	36/48 W	33/44 W	28/39 W	24/33 NW	22/30 W	20/27 W	16/22 W
300	31/43 SW	33/47 W	30/43 W	26/38 W	24/37 W	20/30 NW	17/27 W	14/23 W	12/19 W
Valley	22/44 SW	24/49 W	21/43 W	19/38 W	18/35 W	15/29 NW	13/27 NW	10/21 W	7/15 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-7	1/-8	1/-8	1/-7	2/-6	1/-6	1/-5	-0/-7	-1/-7
300	4/-2	3/-4	3/-4	3/-4	4/-2	4/-2	4/-1	2/-3	1/-3
Valley	5/-1	4/-2	4/-2	4/-2	5/0	5/0	4/0	3/-1	2/-1
Freezing Level*	700m	600m	600m	600m	600m	500m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Challenging conditions with very strong winds and gales through much of the day, combined with wintry showers and severe wind chill over the summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 06 Apr 2022	4mm	5.2mm	6.8mm

Forecast for Friday 08 Apr 2022

Weather: Wintry showers across the west of the park early in the morning, easing around dawn. Patchy low cloud across some summits dissipating shortly after dawn to leave a very sunny morning. Scattered cloud in the afternoon with a risk of showers by evening.

Maximum wind: Northwesterly 15mph gusting 30mph.

Chance of cloud-free hill tops above 600m: 70% increasing to >90%

Low cloud and visibility: Poor visibility in low cloud around 500-600m covering summits around dawn. Very good visibility for the remainder of the day.

Temperature: **Valleys:** Minus 2 Celsius increasing to Plus 6 Celsius
At 600m: Plus 1 Celsius.
Freezing level: Around 700m

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